Philips Cineos
Flat TV with Perfect Pixel HD Engine and Ambilight Surround

42"

LCD integrated digital

CINEOS

42PFL9732D

Turn up your viewing experience

with Perfect Pixel HD and Ambilight

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Perfect Pixel HD Engine, Ambilight Surround, a Full HD 1080p display and 100 Hz Clear LCD technology. USB and memory card reader give you full multimedia access.

Immersive viewing experience

- Full HD LCD display, with a 1920 x 1080p resolution
- Integrated Digital Tuner for DVB-T reception
- HD Ready for the highest quality display of HD signals
- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- 100 Hz Clear LCD for superb motion sharpness (3ms)
- Ambilight Surround for an immersive viewing experience
- HD Natural Motion for ultra-smooth motion in Full HD movies

True beauty lies in the details

- Matching design swivel stand

Perfect picture quality from your digital photos

- USB and Memory Card slot for instantly playing multimedia

For advanced performance

- Three HDMI inputs for full digital HD connection in one cable

PHILIPS

sense and simplicity

Highlights

Full HD LCD display 1920 x 1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

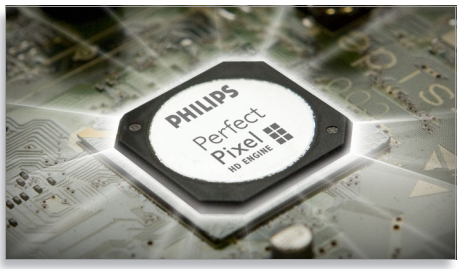
Integrated Digital DVB-T tuner

The integrated DVB-T tuner lets you receive Digital Terrestrial TV to watch or record. This means you do not need an additional set-top box or additional cables.

HD Ready

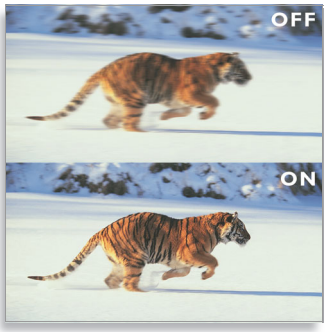
Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV set-top boxes and Blu-ray discs. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer an HD screen that displays the benefits of the resolution and picture quality of a High Definition signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60 Hz.

Perfect Pixel HD Engine



Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to match the surrounding pixels better, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colours, superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artefact and noise detection and reduction in all content sources — from multimedia to standard TV.

100 Hz Clear LCD



100 Hz Clear LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a response time of three milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

Ambilight Surround

With lights surrounding the picture, Ambilight 3 makes an impressive contribution to the overall viewing experience with ambient light on 3 sides to complement the colours and light intensity of the image on screen. It creates ambiance, stimulates more relaxed viewing and improves perceived picture detail, contrast and colour. Ambilight 3 automatically and independently adapts the colours of each screen side according to the changing content on the screen. With the third Ambilight the top of the picture is now fully surrounded, completely immersing you into the content.

Pre-mounted swivel stand

For maximum freedom of placement, this high-quality stand is designed specifically for this TV. The stand comes pre-mounted to the TV out of the box. It allows easy placement of your Flat TV without the hassle of building the stand to the TV first. Enjoy the best viewing angle by swivelling it to suit your personal preference.

USB and Memory Card slot

Instantaneously view and share your movies, photos and music. The Memory Card slot will accept cards of the following types: Compact Flash I and II, Memory Stick, SD Card/Mini SD Card, Smart Media, Micro Drive (up to 2 GB) and Multi Media Card. Simply plug the memory card into the slot at the side of the TV and access the multimedia files stored on the card. The USB connector allows access to multimedia files on most USB sticks and most digital cameras (USB memory-class device).

Three HDMI inputs

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backwards-compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With three HDMI inputs you can connect multiple HD sources, such as an HD set-top box and a Blu-ray player. Your TV is fully prepared for the HD future.

Flat TV with Perfect Pixel HD Engine and Ambilight Surround
42" LCD integrated digital

42PFL9732D/10

Specifications

Picture/Display
- Aspect ratio: 16:9
- Brightness: 550 cd/m²
- Contrast ratio (typical): 1200:1
- Dynamic screen contrast: 8000:1
- Response time (typical): Three (BEW equiv.) ms
- Viewing angle: 176° (H)/176° (V)
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920 x 1080p
- Colour processing: 4 trillion colours (14-bit RGB)
- Picture enhancement: Perfect Pixel HD Engine, HD Natural Motion, Dynamic contrast enhancement, 1080p 50/60 Hz processing, 1080p 24/25/30 Hz processing, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive Scan, Pulse Killer Chip, Widescreen Plus, 100 Hz Clear LCD, Double frame rate
- Screen enhancement: Anti-Reflection coated screen

Ambilight
- Ambilight Features: Ambilight Surround, Auto adaptive to video content, Full operation in stand-by, Efficient low energy lamp
- Ambilight light system: LED-wide colour
- Dimming Function: Manual and via Light Sensor

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60 Hz
800 x 600	60 Hz
1024 x 768	60 Hz
1280 x 768	60 Hz
1360 x 768	60 Hz
1920 x 1080i	60 Hz
1920 x 1080p	60 Hz

- Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576i	50 Hz
576p	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	24, 25, 30 Hz
1080p	50, 60 Hz

Sound
- Output power (RMS): 2 x 8 W
- Sound Enhancement: Digital Signal Processing, Graphic Equalizer, Dynamic Bass Enhancement
- Sound System: Virtual Dolby Digital, BBE

Loudspeakers
- Built-in speakers: 4
- Loudspeaker types: Integrated woofers with wOOx, Dome tweeter

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Smart Clock
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: Four favourite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On-Screen Display, Programme List, Settings assistant Wizard, Side Control
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide
- Remote Control: TV, DVD, HTS (Home Theatre System), STB (Set-Top Box)
- Remote control type: RC4422
- Screen Format Adjustments: unscaled (1080p dot by dot), 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen
- Picture in Picture: Text dual screen
- Teletext: 1200-page Hypertext
- Teletext enhancements: Habit Watch, Programme information Line
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: Digital media reader (browser), USB autobreak-in

Multimedia Applications
- Memory Card Types: Compact Flash type I, Compact Flash type II, Memory Stick, Microdrive, MultiMedia Card (MMC), Secure Digital Card (SD), Smart Media Card
- Multimedia connections: USB, 7-in-1 Memory Card Reader
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures

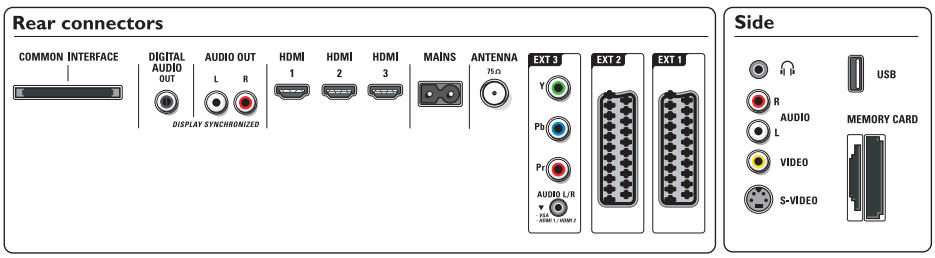
Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB
- Ext 3: YPbPr, Audio L/R in
- Ext 4: HDMI v1.3
- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3
- HDMI features: Cable equalization, Category 1 and 2 cables, Compressed audio, Multi-rate pref. format support, PC format support, Resolutions 720p, 1080i, 1080p
- Front/Side connections: Audio L/R in, CVBS in, Headphone out, S-video in, USB, Multi-slot memory card reader
- Other connections: Analogue audio Left/Right out, S/PDIF out (coaxial), Common Interface

Power
- Ambient temperature: 5°C to 35°C
- Mains power: AC 220-240 V +/- 10%
- Power consumption: 232 W
- Standby power consumption: 0.8 W

Accessories
- Included Accessories: Tabletop swivel stand, RF antenna cable

Dimensions
- Colour cabinet: Brilliant Pearl
- Set dimensions (W x H x D): 1060 x 675 x 125 mm
- Set dimensions with stand (H x D): 740 x 256 mm
- Product weight: 28.7 kg
- Product weight (+stand): 32.4 kg
- Box dimensions (W x H x D): 1160 x 881 x 310 mm
- Weight incl. Packaging: 39.7 kg
- VESA wall mount compatible: 600 x 400 mm



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* DVB-T, supported in selected countries only